

IN THE CLAIMS:

Please amend the claims of the subject patent application as follows:

1- 105 (Cancelled)

106. (new) A non-halogen resin blend comprising an intumescent flame retardant selected from the group consisting of melamine, melamine phosphate, melamine polyphosphate and melamine pyrophosphate; and a polyolefin selected from the group consisting of polypropylenes, polyethylenes, thermoplastic rubbers and thermoplastic elastomers.
107. (new) The resin blend of claim 106, wherein the polyolefin comprises 10 to 85 percent by weight of the composition.
108. (new) The resin blend of claim 106, wherein the polyolefin comprises 50 to 75 percent by weight of the composition.
109. (new) The resin blend of claim 106, wherein the intumescent flame retardant comprises 10 to 50 percent by weight of the composition.
110. (new) The resin blend of claim 107, wherein the intumescent flame retardant comprises 10 to 50 percent by weight of the composition.
111. (new) The resin blend of claim 108, wherein the intumescent flame retardant comprises 10 to 50 percent by weight of the composition.
112. (new) The resin blend of claim 106, wherein the intumescent flame retardant comprises 25 to 35 percent by weight of the composition.
113. (new) The resin blend of claim 107, wherein the intumescent flame retardant comprises 25 to 35 percent by weight of the composition.
114. (new) The resin blend of claim 108, wherein the intumescent flame retardant comprises 25 to 35 percent by weight of the composition.

115. (new) A cable insulation comprising a non-halogen containing thermoplastic or thermoset polyolefin blend formed by combining an intumescent flame retardant selected from the group consisting of melamine, melamine phosphate, melamine pyrophosphate and melamine polyphosphate with at least one polyolefin.
116. (new) A cable comprising the cable insulation of claim 115.
117. (new) The cable according to claim 116, wherein the cable is selected from the group consisting of plenum cable, fiber optic cable, copper cable, telecommunications cable, and video cable.

SUPPORT

The amendment cancels all current claims and adds new claims 106 -117.

Support for the claimed matter is as follows

Claim	Element	Location
106	Non-Halogen	PAGE 6, line 24
	Intumescent Flame Retardant	PAGE 5, line
	melamine	PAGE 9, Line 3 – 7*
	melamine phosphate	PAGE 9, Line 3 – 7*
	melamine polyphosphate	PAGE 9, Line 3 – 7*
	melamine pyrophosphate	PAGE 9, Line 3 – 7*
	polyolefin	PAGE 6, line 25
	polypropylenes	PAGE 7, lines 14-25
	polyethylenes	PAGE 7, lines 14-25
	thermoplastic rubbers	PAGE 7, lines 18
	thermoplastic elastomers	PAGE 7, lines 18
107	polyolefin comprises 10 to 85 percent by weight of the composition	PAGE 8, line 8
108	polyolefin comprises 50 to 75 percent by weight of the composition	PAGE 8, line 9
109 - 111	intumescent flame retardant comprises 10 to 50 percent by weight of the composition	PAGE 9, line 16
112 - 114	intumescent flame retardant comprises 25 to 35 percent by weight of the composition	PAGE 9, line 17
115	A cable insulation ...	PAGE 5, line 18
116	A cable...	PAGE 5, line 19-21
117	plenum cable, fiber optic cable, copper cable, telecommunications cable, and video cable	PAGE 5, line 19-21

* The Office Action held the term activated as unclear under 35 USC 112. In the new claims activated melamine pyrophosphate and unactivated melamine pyrophosphate, as well as activated melamine polyphosphate and unactivated melamine polyphosphate are now

addressed as melamine pyrophosphate or melamine polyphosphate. This avoids the use of the term “activated” without adding new matter. A melamine pyro- or polyphosphate is either activated or not. There is no third alternative. Thus, by addressing melamine pyrophosphate, present claim 106 covers previous alternative (a) and (g) of claim 1. By referring to melamine polyphosphates, previous alternatives (b) and (h) of claim 1 are covered. This amounts therefore, to nothing but an alternative description of what was disclosed before.